



RAW SEQUENCE LISTING ERROR REPORT

RECEIVE

JAN 14 2003

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

TECH CENTER 1600

Application Serial Number: 09/771,209A
Source: 1600
Date Processed by STIC: 01/06/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



Does Not Comply
Corrected Diskette Needed

1600

See p. 8 for
Explanation of
Errors.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209A

DATE: 01/06/2003

TIME: 14:04:50

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

3 <110> APPLICANT: Buck, Linda
4 Axel, Richard
6 <120> TITLE OF INVENTION: ODORANT RECEPTORS AND USES THEREOF
8 <130> FILE REFERENCE: 0575/38586-B/JPW/ADM
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/771,209A
C--> 10 <141> CURRENT FILING DATE: 2001-01-26
10 <150> PRIOR APPLICATION NUMBER: US 08/129,079
11 <151> PRIOR FILING DATE: 1993-10-05
13 <160> NUMBER OF SEQ ID NOS: 98
15 <170> SOFTWARE: PatentIn version 3.0
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23 <221> NAME/KEY: misc_feature
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67 <221> NAME/KEY: misc_feature
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TECH CENTER 1600/2000

RAW SEQUENCE LISTING

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

TIME: 14:04:50

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

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140 atcacctgtg ctgtcctcag agtctcatcc cccaggggag gatggaaaac cttctccacc 720
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146 gtgaccccaa tgctgaaccc tttcatctat agcctgagga acagcgacat gaaagcagct 900
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157 <221> NAME/KEY: misc_feature
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RAW SEQUENCE LISTING

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

TIME: 14:04:50

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Output Set: N:\CRF4\01062003\I771209A.raw

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168 cccatgtact tcttcctctg caacctctcc ttcctggaga tctggttcac cacagcctgc 240
170 gtaccaaga ccttgccac atttgcgct cggggtggag tcatttcctt ggctggctgt 300
172 gccacacaga tgtactttgt cttttctttg ggctgtaccg agtacttcct gctggctgtg 360
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176 cctgggctgg cgatgcggtt ggccctggga tcctggctgt gtgggttttc tgcaatcaca 480
178 gttcctgcta ccctcattgc ccgcctctct ttcctgggct cacgtgtcat caaccacttc 540
180 ttctgtgaca ttctgccttg gatagtgtt tcctgcaccg acacgcagggt ggtggaactg 600
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188 ttgcatgtga ggacctcggg agagagctcc ttggacctca ccaaagctat cacagtgtc 840
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202 <223> OTHER INFORMATION: Clone: I14

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210 ggaaacctgc taatcattgt ccttgttcga ctggactctc atctccacat gccatgtac 180
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232 tgtccatcag gtaataattc tactgtgaag gagattgcca tggctatgat gtacacagtg 840
234 gtgactccca tgctgaatcc cttcatctac agcctgagga acagagacat gaaaagggcc 900
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245 <221> NAME/KEY: misc_feature

246 <223> OTHER INFORMATION: Clone: I15

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RAW SEQUENCE LISTING

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

TIME: 14:04:50

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Output Set: N:\CRF4\01062003\I771209A.raw

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258 ttgttgcaga acatgcagag ccaagttcca tccatcccct ttgcaggctg cctgacacaa 300
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264 tgtgtgagtc tgggtggtgct gtcctgggtg ctgaccacct tccatgccat gctgcacacc 480
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268 atatctcctt tattgaaact gtcctgctct gacacgcatg ttaatgagtt ggtgatattt 600
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272 gttgtcgcct ccattcttaa agtcccttct gtccgaggca tccacaagat cttctccacc 720
274 tgcggctccc atctgtctgt ggtgtcactg ttctatggga caatcattgg tctctactta 780
276 tgtccgtcag ctaataaact tactgtgaag gagactgtca tggccatgat gtacacagt 840
278 gtgaccccca tgctgaaccc cttcatctac agcctgagga acagagacat gaaagaggca 900
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312 gttctcctaa agctggcctg ctcagacact tatattaatg agttgatgat atttatcatg 600
314 agtacactcc tcattattat tccattcttc ctcattgtta tgtcctatgc aaggatcata 660
316 tcctctattc ttaagggttcc atctacccaa ggcatctgca aggtcttctc tacctgtggt 720
318 tcccatctgt ctgtagtatc actgttctat gggacaatta ttggtctcta cttatgtcca 780
320 gcaggttaata attccactgt aaaagagatg gtcatggcca tgatgtacac tgtggtgacc 840
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RAW SEQUENCE LISTING

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

TIME: 14:04:50

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

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348 gcatgcatga cacaactcta ctttttcctg ggcttgggtt gcacagagtg tgtccttctt 360
350 gctgtgatgg cctatgaccg ctatgtggct atctgtcatc cactccacta ccccgtcatt 420
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354 tccatgggta aagttttcct tattttctgc ctgtcttact gtggcccaa caccatcaac 540
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: **US/09/771,209A**

DATE: 01/06/2003
TIME: 14:04:51

Input Set : **A:\38586-B.txt**
Output Set: **N:\CRF4\01062003\I771209A.raw**

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 440,441
Seq#:12; Xaa Pos. 147
Seq#:13; N Pos. 182,205,206,207,208,209,210,211,212,213,214,215,216,217,218
Seq#:13; N Pos. 219,220,221,222,223,224,225,226,227,228,229,230,231,232,233
Seq#:13; N Pos. 234,235,236,237,238,239,240,241,242,243,244,245,246,247,248
Seq#:13; N Pos. 249,250,251,252,253,254,255,256,257,258,259,260,261,262,263
Seq#:13; N Pos. 264,265,266,267,268,269,270,271,272,273,274,275,276,277,278
Seq#:13; N Pos. 279,280,281,282,283,284,285,286,287,288,289,290,291,292,293
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Seq#:13; N Pos. 309,310,311,312,313,314,315,316,317,318,319,320,321,322,323
Seq#:13; N Pos. 324,325,326,327,328,329,330,331,332,333,334,335,336,337,338
Seq#:13; N Pos. 339,340,341,342,343,344,345,346,347,348,349,350,351,352,353
Seq#:13; N Pos. 354,355,356,357,358,359,360,361,362,363,364,365,366,367,368
Seq#:13; N Pos. 369,370,371,372,373,374,375,376,377,378,379,380,381,382,383
Seq#:13; N Pos. 384,385,386,387,388,389,390,391,392,393,394,395,396,397,398
Seq#:13; N Pos. 399,400,401,402,403,404,405,406,407,408,409,410,411,412,413
Seq#:13; N Pos. 414,415,416,417,418,419,420,421,422,423,424,425,426,427,428
Seq#:13; N Pos. 494,495
Seq#:14; Xaa Pos. 61,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85
Seq#:14; Xaa Pos. 86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103
Seq#:14; Xaa Pos. 104,105,106,107,108,109,110,111,112,113,114,115,116,117
Seq#:14; Xaa Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131
Seq#:14; Xaa Pos. 132,133,134,135,136,137,138,139,140,141,142,143,165
Seq#:21; N Pos. 270,271,272,273,274
Seq#:22; Xaa Pos. 90,91
Seq#:23; N Pos. 1,236,237,238,239,240,241,242,243,244,245,246,247,248,249
Seq#:23; N Pos. 250,251,252,253,254,255,256,257,258,259,260,261,262,263,264
Seq#:23; N Pos. 265,266,267,268,269,270,271,272,273,274,275,276,277,278,279
Seq#:23; N Pos. 280,281,282,283,284,285,286,287,288,289,290,291,292,293,294
Seq#:23; N Pos. 295,296,297,298,299,300,301,302,303,304,305,306,307,308,309
Seq#:23; N Pos. 310,311,312,313,314,315,316,317,318,319,320,321,322,323,324
Seq#:23; N Pos. 325,326,327,328,329,330,331,332,333,334,335,336,337,338,339
Seq#:23; N Pos. 340,341,342,343,344,345,346,347,348,349,350,351,352,353,354
Seq#:23; N Pos. 355,356,357,358,359,360,361,362,363,364,365,366,367,368,369
Seq#:23; N Pos. 370,371,372,373,374,375,376,377,378,379,380,381,382,383,384
Seq#:23; N Pos. 385,386,387,388,389,390,391,392,393,394,395,396,397,398,399
Seq#:23; N Pos. 400,401,402
Seq#:24; Xaa Pos. 79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97
Seq#:24; Xaa Pos. 98,99,100,101,102,103,104,105,106,107,108,109,110,111,112
Seq#:24; Xaa Pos. 113,114,115,116,117,118,119,120,121,122,123,124,125,126
Seq#:24; Xaa Pos. 127,128,129,130,131,132,133,134
Seq#:25; N Pos. 236,237,238,239,240,241,242,243,244,245,246,247,248,249,250
Seq#:25; N Pos. 251,252,253,254,255,256,257,258,259,260,261,262,263,264,265
Seq#:25; N Pos. 266,267,268,269,270,271,272,273,274,275,276,277,278,279,280

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: **US/09/771,209A**

DATE: 01/06/2003
TIME: 14:04:51

Input Set : **A:\38586-B.txt**
Output Set: **N:\CRF4\01062003\I771209A.raw**

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Seq#:25; N Pos. 326,327,328,329,330,331,332,333,334,335,336,337,338,339,340
Seq#:25; N Pos. 341,342,343,344,345,346,347,348,349,350,351,352,353,354,355
Seq#:25; N Pos. 356,357,358,359,360,361,362,363,364,365,366,367,368,369,370
Seq#:25; N Pos. 371,372,373,374,375,376,377,378,379,380,381,382,383,384,385
Seq#:25; N Pos. 386,387,388,389,390,391,392,393,394,395,396,397,398,399,400
Seq#:25; N Pos. 401,402
Seq#:26; Xaa Pos. 79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97
Seq#:26; Xaa Pos. 98,99,100,101,102,103,104,105,106,107,108,109,110,111,112
Seq#:26; Xaa Pos. 113,114,115,116,117,118,119,120,121,122,123,124,125,126
Seq#:26; Xaa Pos. 127,128,129,130,131,132,133,134
Seq#:27; N Pos. 183,184,185
Seq#:28; Xaa Pos. 61,62
Seq#:31; N Pos. 178,179
Seq#:32; Xaa Pos. 59,60
Seq#:35; N Pos. 212,213,214,215,216,217,218,219,220,221,222,223,224,225,226
Seq#:35; N Pos. 227,228,229,230,231,232,233,234,235,236,237,238,239,240,241
Seq#:35; N Pos. 242,243,244,245,246,247,248,249,250,251,252,253
Seq#:36; Xaa Pos. 71,72,73,74,75,76,77,78,79,80,81,82,83,84
Seq#:37; N Pos. 9,12,15,21,24,27,30,33
Seq#:38; N Pos. 12,15,21,24,27,30
Seq#:39; N Pos. 6,12,15,18,21,24,27,30
Seq#:40; N Pos. 3,6,9,21,30
Seq#:41; N Pos. 3,6,12,15,21,24,27,30
Seq#:42; N Pos. 4,13,16,22,25,28
Seq#:43; N Pos. 8,20,23,26
Seq#:44; N Pos. 3,12,15,21,24,27
Seq#:45; N Pos. 6,12,15,21,27
Seq#:46; N Pos. 6,12,15,21,26,27
Seq#:47; N Pos. 3,6,9,21,27
Seq#:48; N Pos. 6,15,21
Seq#:49; N Pos. 3,6,9,12,15,18,24,27
Seq#:55; Xaa Pos. 2,3,7
Seq#:56; Xaa Pos. 2,3,7
Seq#:57; Xaa Pos. 2,6,7
Seq#:58; Xaa Pos. 2,6,7
Seq#:59; Xaa Pos. 3,4
Seq#:60; Xaa Pos. 3,4
Seq#:61; Xaa Pos. 1,2,7
Seq#:62; Xaa Pos. 1,2,7
Seq#:63; Xaa Pos. 5
Seq#:64; Xaa Pos. 5
Seq#:65; Xaa Pos. 2,3,6,9
Seq#:66; Xaa Pos. 2,3,6,9
Seq#:67; Xaa Pos. 2,3,6
Seq#:68; Xaa Pos. 2,3,6
Seq#:69; Xaa Pos. 3,6

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/771,209A

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Input Set : A:\38586-B.txt
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Seq#:70; Xaa Pos. 3,6

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:50,51,52,53

VARIABLE LOCATION SUMMARY

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

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Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:11; N Pos. 440,441

Seq#:12; Xaa Pos. 147

Seq#:13; N Pos. 182,205,206,207,208,209,210,211,212,213,214,215,216,217,218

Seq#:13; N Pos. 219,220,221,222,223,224,225,226,227,228,229,230,231,232,233

Seq#:13; N Pos. 234,235,236,237,238,239,240,241,242,243,244,245,246,247,248

Seq#:13; N Pos. 249,250,251,252,253,254,255,256,257,258,259,260,261,262,263

Seq#:13; N Pos. 264,265,266,267,268,269,270,271,272,273,274,275,276,277,278

Seq#:13; N Pos. 279,280,281,282,283,284,285,286,287,288,289,290,291,292,293

Seq#:13; N Pos. 294,295,296,297,298,299,300,301,302,303,304,305,306,307,308

Seq#:13; N Pos. 309,310,311,312,313,314,315,316,317,318,319,320,321,322,323

Seq#:13; N Pos. 324,325,326,327,328,329,330,331,332,333,334,335,336,337,338

Seq#:13; N Pos. 339,340,341,342,343,344,345,346,347,348,349,350,351,352,353

Seq#:13; N Pos. 354,355,356,357,358,359,360,361,362,363,364,365,366,367,368

Seq#:13; N Pos. 369,370,371,372,373,374,375,376,377,378,379,380,381,382,383

Seq#:13; N Pos. 384,385,386,387,388,389,390,391,392,393,394,395,396,397,398

Seq#:13; N Pos. 399,400,401,402,403,404,405,406,407,408,409,410,411,412,413

Seq#:13; N Pos. 414,415,416,417,418,419,420,421,422,423,424,425,426,427,428

Seq#:13; N Pos. 494,495

Seq#:14; Xaa Pos. 61,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85

Seq#:14; Xaa Pos. 86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103

Seq#:14; Xaa Pos. 104,105,106,107,108,109,110,111,112,113,114,115,116,117

Seq#:14; Xaa Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131

Seq#:14; Xaa Pos. 132,133,134,135,136,137,138,139,140,141,142,143,165

Seq#:21; N Pos. 270,271,272,273,274

Seq#:22; Xaa Pos. 90,91

Seq#:23; N Pos. 1,236,237,238,239,240,241,242,243,244,245,246,247,248,249

Seq#:23; N Pos. 250,251,252,253,254,255,256,257,258,259,260,261,262,263,264

Seq#:23; N Pos. 265,266,267,268,269,270,271,272,273,274,275,276,277,278,279

Seq#:23; N Pos. 280,281,282,283,284,285,286,287,288,289,290,291,292,293,294

Seq#:23; N Pos. 295,296,297,298,299,300,301,302,303,304,305,306,307,308,309

Seq#:23; N Pos. 310,311,312,313,314,315,316,317,318,319,320,321,322,323,324

Seq#:23; N Pos. 325,326,327,328,329,330,331,332,333,334,335,336,337,338,339

Seq#:23; N Pos. 340,341,342,343,344,345,346,347,348,349,350,351,352,353,354

Seq#:23; N Pos. 355,356,357,358,359,360,361,362,363,364,365,366,367,368,369

Seq#:23; N Pos. 370,371,372,373,374,375,376,377,378,379,380,381,382,383,384

Seq#:23; N Pos. 385,386,387,388,389,390,391,392,393,394,395,396,397,398,399

Seq#:23; N Pos. 400,401,402

Seq#:24; Xaa Pos. 79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97

Seq#:24; Xaa Pos. 98,99,100,101,102,103,104,105,106,107,108,109,110,111,112

Seq#:24; Xaa Pos. 113,114,115,116,117,118,119,120,121,122,123,124,125,126

Seq#:24; Xaa Pos. 127,128,129,130,131,132,133,134

Seq#:25; N Pos. 236,237,238,239,240,241,242,243,244,245,246,247,248,249,250

Seq#:25; N Pos. 251,252,253,254,255,256,257,258,259,260,261,262,263,264,265

VARIABLE LOCATION SUMMARY

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Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

Seq#:25; N Pos. 266,267,268,269,270,271,272,273,274,275,276,277,278,279,280
Seq#:25; N Pos. 281,282,283,284,285,286,287,288,289,290,291,292,293,294,295
Seq#:25; N Pos. 296,297,298,299,300,301,302,303,304,305,306,307,308,309,310
Seq#:25; N Pos. 311,312,313,314,315,316,317,318,319,320,321,322,323,324,325
Seq#:25; N Pos. 326,327,328,329,330,331,332,333,334,335,336,337,338,339,340
Seq#:25; N Pos. 341,342,343,344,345,346,347,348,349,350,351,352,353,354,355
Seq#:25; N Pos. 356,357,358,359,360,361,362,363,364,365,366,367,368,369,370
Seq#:25; N Pos. 371,372,373,374,375,376,377,378,379,380,381,382,383,384,385
Seq#:25; N Pos. 386,387,388,389,390,391,392,393,394,395,396,397,398,399,400
Seq#:25; N Pos. 401,402
Seq#:26; Xaa Pos. 79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97
Seq#:26; Xaa Pos. 98,99,100,101,102,103,104,105,106,107,108,109,110,111,112
Seq#:26; Xaa Pos. 113,114,115,116,117,118,119,120,121,122,123,124,125,126
Seq#:26; Xaa Pos. 127,128,129,130,131,132,133,134
Seq#:27; N Pos. 183,184,185
Seq#:28; Xaa Pos. 61,62
Seq#:31; N Pos. 178,179
Seq#:32; Xaa Pos. 59,60
Seq#:35; N Pos. 212,213,214,215,216,217,218,219,220,221,222,223,224,225,226
Seq#:35; N Pos. 227,228,229,230,231,232,233,234,235,236,237,238,239,240,241
Seq#:35; N Pos. 242,243,244,245,246,247,248,249,250,251,252,253
Seq#:36; Xaa Pos. 71,72,73,74,75,76,77,78,79,80,81,82,83,84
Seq#:37; N Pos. 9,12,15,21,24,27,30,33
Seq#:38; N Pos. 12,15,21,24,27,30
Seq#:39; N Pos. 6,12,15,18,21,24,27,30
Seq#:40; N Pos. 3,6,9,21,30
Seq#:41; N Pos. 3,6,12,15,21,24,27,30
Seq#:42; N Pos. 4,13,16,22,25,28
Seq#:43; N Pos. 8,20,23,26
Seq#:44; N Pos. 3,12,15,21,24,27
Seq#:45; N Pos. 6,12,15,21,27
Seq#:46; N Pos. 6,12,15,21,26,27
Seq#:47; N Pos. 3,6,9,21,27
Seq#:48; N Pos. 6,15,21
Seq#:49; N Pos. 3,6,9,12,15,18,24,27
Seq#:55; Xaa Pos. 2,3,7
Seq#:56; Xaa Pos. 2,3,7
Seq#:57; Xaa Pos. 2,6,7
Seq#:58; Xaa Pos. 2,6,7
Seq#:59; Xaa Pos. 3,4
Seq#:60; Xaa Pos. 3,4
Seq#:61; Xaa Pos. 1,2,7
Seq#:62; Xaa Pos. 1,2,7
Seq#:63; Xaa Pos. 5
Seq#:64; Xaa Pos. 5
Seq#:65; Xaa Pos. 2,3,6,9
Seq#:66; Xaa Pos. 2,3,6,9
Seq#:67; Xaa Pos. 2,3,6
Seq#:68; Xaa Pos. 2,3,6

VARIABLE LOCATION SUMMARY

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Seq#:69; Xaa Pos. 3,6

Seq#:70; Xaa Pos. 3,6

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Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:491 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:11
L:491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:420
L:544 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:12
L:544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:144
L:581 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:13
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180
L:583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:240
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:300
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:360
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:420
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:480
L:624 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:14
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:64
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:80
L:633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:96
L:636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:112
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:128
L:645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:160
L:929 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:21
L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:240
L:972 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:22
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:80
L:1003 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:23
L:1003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:180
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:240
L:1013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:300
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:360
L:1055 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:24
L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:64
L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:80
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:96
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:112
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:128
L:1107 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:25
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:180
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:240
L:1111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:300
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:360
L:1153 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:26
L:1153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:64
L:1156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:80
L:1159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:96
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:112
L:1165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:128

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Input Set : A:\38586-B.txt

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L:1205 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:27
L:1205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:180
L:1244 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:28
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:48
L:1357 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:31
L:1357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:120
L:1398 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:32
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:48
L:1508 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:35
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:180
L:1510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:240
L:1550 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:36
L:1550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64
L:1553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:80
L:1571 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:1579 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:37
L:1579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1585 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:1593 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:38
L:1593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1599 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:1607 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:39
L:1607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1613 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
L:1621 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:40
L:1621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1627 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:1635 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:41
L:1635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1641 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:1649 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:42
L:1649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1655 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:1663 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:43
L:1669 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
L:1677 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:44
L:1683 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:1691 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:45
L:1697 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:1705 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:46
L:1711 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47
L:1719 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:47
L:1725 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48
L:1733 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:48
L:1739 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49
L:1747 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:49
L:1753 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50
L:1755 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:50, <213>
ORGANISM:Artificial Sequence
L:1755 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:50, <213>
ORGANISM:Artificial Sequence

VERIFICATION SUMMARY

DATE: 01/06/2003

PATENT APPLICATION: US/09/771,209A

TIME: 14:04:51

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\01062003\I771209A.raw

L:1755 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:50,Line#:1755
L:1763 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51
L:1765 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:51, <213>
ORGANISM:Artificial Sequence
L:1765 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:51, <213>
ORGANISM:Artificial Sequence
L:1765 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:51,Line#:1765
L:1773 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:52
L:1775 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:52, <213>
ORGANISM:Artificial Sequence
L:1775 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:52, <213>
ORGANISM:Artificial Sequence
L:1775 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:52,Line#:1775
L:1783 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:53
L:1785 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:53, <213>
ORGANISM:Artificial Sequence
L:1785 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:53, <213>
ORGANISM:Artificial Sequence
L:1785 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:53,Line#:1785
L:1806 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:55
L:1815 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:55
L:1821 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:56
L:1824 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56
L:1830 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56
L:1836 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56
L:1849 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:57
L:1858 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:57
L:1864 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:58
L:1867 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:58
L:1873 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:58
L:1879 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:58
L:1892 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:59
L:1901 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:59
L:1907 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:60
L:1910 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:60
L:1916 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:60
L:1929 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:61
L:1957 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:62
L:1960 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:62
L:1966 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:62
L:1972 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:62
L:1985 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:63
L:1994 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:63
L:2000 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:64
L:2003 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:64
L:2016 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:65
L:2025 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:65
L:2031 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:66
L:2034 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:2040 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:2046 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:2052 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:2065 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:67

L:2074 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:67
L:2080 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:68

VERIFICATION SUMMARY

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Input Set : **A:\38586-B.txt**Output Set: **N:\CRF4\01062003\I771209A.raw**

L:2083 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:68
L:2089 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:68
L:2095 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:68
L:2108 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:69
L:2117 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:69
L:2123 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:70
L:2126 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:70
L:2132 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:70